

Date: Sat, 28 Aug 93 01:02:55 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #1022
To: Info-Hams

Info-Hams Digest Sat, 28 Aug 93 Volume 93 : Issue 1022

Today's Topics:

 Cincinnati Here I Come
 ham
 Handhelds on airplane
 JOTA: not for everyone? (3 msgs)
 Needs info on Handhelds.....
 Open Garage door with HT
 Original Brown Bros.
 Passed test, what do I do now?
 Radio Shack attitudes
 WANTED: Morse Code Tape Recommendations
 WANTED: Schematics and/or Alignment Procedures for Allied R-100A

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 27 Aug 1993 10:10:38 -0400
From: europa.eng.gtefsd.com!howland.reston.ans.net!spool.mu.edu!
news.cs.indiana.edu!babbage.ece.uc.edu!ucunix.san.uc.edu!ucunix.san.uc.edu!not-
for-mail@uunet.uu.net
Subject: Cincinnati Here I Come
To: info-hams@ucsd.edu

Clark,

So far as I know, we're down to only -one- surplus store: DEBCO
Electronics, on Edwards Road in the Hyde Park/Oakley/Norwood
neighborhood area. Coston's and Lapirow Brothers are both looong gone.

If you'd like directions to DEBCO (near-northeast part of town), let me know...they're near enough to I-71 exits to be easy to find.

Ted Morris, WB8VNV

Date: 28 Aug 93 00:17:01 GMT
From: news-mail-gateway@ucsd.edu
Subject: ham
To: info-hams@ucsd.edu

unsub claudfrancoeur@iaf.quebec.ca

Date: 15 Aug 93 02:28:35 GMT
From: noc.near.net!transfer.stratus.com!jjmhome!schunix!ksr@uunet.uu.net
Subject: Handhelds on airplane
To: info-hams@ucsd.edu

I've been doing a fair amount of air travel lately, always with at least one HT. The variation between airports, and even between security personnel at the same airport, is amazing. Usually, they simply ask me to "make it do something", apparently on the assumption that there can't be room in it for both a weapon/infernal machine and a radio. On occasion, I've had them ask me to take the battery off (to check to see if it's a secret compartment). Often, they simply ignore it. With the increasing popularity of hand-held cellphones, they're seeing a lot of people carrying similar-looking units. In fact, I'm often reminded not to use my "phone" in flight (a warning, by the way, that's equally valid for the HT).

If you have a problem, by the way, ask to speak to a representative of the airline. Generally, arguing with someone who is under-trained, under-paid, and is likely to be a State Trooper wannabe with just enough authority to be annoying is at best counterproductive! The airline people, on the other hand, have an interest in keeping you coming back.

Kevin

--
Kevin Sullivan
WA1KLN
PP/ASEL - IA

ksr@world.std.com
CAP: Freedom 7
MA0007@MAWG.NER.CAP.GOV

Date: Thu, 26 Aug 1993 21:26:05 GMT

From: dog.ee.lbl.gov!agate!howland.reston.ans.net!vixen.cso.uiuc.edu!sdd.hp.com!
portal!lhaven.UUmh.Ab.Ca!combdyn!lawrence@network.ucsd.edu

Subject: JOTA: not for everyone?

To: info-hams@ucsd.edu

In article <25g1iu\$ao3@ucunix.san.uc.edu> morris@ucunix.san.uc.edu (Ted Morris)
writes:

>Is my impression correct that the Jamboree-on-the-Air is a Cub Scout/Boy
>Scout-only activity (i.e., male-oriented only)? Or can we expect there
>to be Daisy/Brownie/Girl Scout troops participating as well. The reason
>I ask is that my nephew's Boy Scout troop is likely to be interested in
>participating, and so is my Novice-to-be daughter's Cadet Girl Scout
>troop--if there will be other YLs participating. The last thing I want
>to do is get the Girl Scouts on the air and have them hear -nothing- but
>boys (although they might create their own pileup--(-:...hmmm...)).

>

>Anyway, anyone with first hand knowledge either of the JOTA management
>or of GS troops participating? Wanna set up skeds?

>

>Thanks for any info,

>

>Ted Morris, WB8VNV, morris@ucunix.san.uc.edu (Cincinnati, Ohio)

>Previous politically-incorrect tag-line removed.

>

I was under the impression that in the US both girl and boy scouts fall
under the same organization.

Whereas, up here in Canada we have Girl Guides of Canada which is the
girls only group, and Boy Scouts of Canada which allows both boys and
girls.

Though there seems to be some issue about girls being in Boy Scouts
up here, recently....I guess they only started letting girls into it
recently around here (Medicine Hat). The last time I was in scouting
was 1985 or 1984, and we had girls (actually only one girl) in our group.
Of course we were one of the first groups in Calgary to be co-ed....both
of her parents were leaders in our group, and in their home country (as
it is with other countries in the world) both Scouting *WASN'T* a boy only

--

--EMAIL-----PHONE-----FAX-----

| WORK: lawrence@combdyn.com | (403)529-2162 | (403)529-2516 | CallSign
| HOME: dreamer@lhaven.uumh.ab.ca | (403)526-6019 | (403)529-5102 | VE6LKC

disclamer = (working_for && !representing) + (Combustion Dynamics Ltd.);

Date: Sat, 28 Aug 1993 05:14:20 GMT
From: netcomsv!netcom.com!netcom!faunt@decwrl.dec.com
Subject: JOTA: not for everyone?
To: info-hams@ucsd.edu

The new QST with the article about JOTA explicitly says boys and girls participate.

73, doug

Date: Fri, 27 Aug 1993 19:35:54 GMT
From: swrinde!gatech!howland.reston.ans.net!darwin.sura.net!dtix.dt.navy.mil!
cs.umd.edu!afterlife!blackbird.afit.af.mil!blackbird!jmillier@network.ucsd.edu
Subject: JOTA: not for everyone?
To: info-hams@ucsd.edu

In article <25g1iu\$ao3@ucunix.san.uc.edu> morris@ucunix.san.uc.edu (Ted Morris) writes:

Is my impression correct that the Jamboree-on-the-Air is a Cub Scout/Boy Scout-only activity (i.e., male-oriented only)? Or can we expect there to be Daisy/Brownie/Girl Scout troops participating as well. The reason I ask is that my nephew's Boy Scout troop is likely to be interested in participating, and so is my Novice-to-be daughter's Cadet Girl Scout troop--if there will be other YLs participating. The last thing I want to do is get the Girl Scouts on the air and have them hear -nothing- but boys (although they might create their own pileup--(-:...hmmm...)).

Anyway, anyone with first hand knowledge either of the JOTA management or of GS troops participating? Wanna set up skeds?

In 1991, the JOTA weekend coincided with the Brownie Father-Daughter camp at GS Camp Paumalu, Oahu (North Shore -- quite scenic, BTW, and they welcome mainland Girl Scouts for summer camp -- but I digress), Hawaii. Since my daughter (uh, first harmonic) and I had waited for two years to go to this, I decided it would be fun to take the rig along and see what I could do. I tossed the trusty ol' TS-140, a Hy-Gain tape dipole, my station battery, some coax, and a antenna tuner (what? you say -- it's my only working SWR bridge) into the car and set up shop Saturday night after the flag ceremony. I managed to work F06JAM (French Polynesia) and a couple of VK JOTA stations; unfortunately, the girls weren't terribly impressed. They wanted to talk to people on the mainland -- however, at 0730Z, most of the mainland is asleep. Tried again Sunday after the closing flag ceremony, but it seemed all the JOTA stations had closed down by then :-(. At least we made a couple of contacts...

By all means, get the Cadettes on the air -- they're certainly the right age to be bit by the ham bug.

73,

Jeff

--

Jeff Miller, NH6ZW/N8, AFA1HE (ex WD6CQV, AFA8JM, AFA1D0)
AFIT School of Engineering, Wright-Patterson AFB, OH
Welcome to Ohio: Our state flower is the orange highway construction barrel.
Help eliminate FOD in our lifetime.

Date: Mon, 16 Aug 1993 05:19:40 GMT
From: raven.alaska.edu!aurora.alaska.edu!fsrla@decwrl.dec.com
Subject: Needs info on Handhelds.....
To: info-hams@ucsd.edu

Howdy!!!!!!!

I just wanna ask for opinions on handheld units...
I'm new to this, and have an incredibly limited budget
as in, at most, say \$150-200. So, I want to find a decent,
most likely used 2m handheld. But I don't know much about
the name-brands.
I'd like to hear your opinions on units you have USED that
might fit my budget limits. Please don't send me messages
saying some namebrand really stinks if you can't tell me why.
Anyway, thanks in advance!

Please email me at: FSRLA@ACAD3.ALASKA.EDU

Date: 27 Aug 93 16:33:27 GMT
From: dorsai.dorsai.org!dorsai.dorsai.org!not-for-mail@uunet.uu.net
Subject: Open Garage door with HT
To: info-hams@ucsd.edu

Jui Tien (jtg0707@uxa.cso.uiuc.edu) wrote:

: While I was installing a Genie garage door opener in my parents' house,
: I noticed a set of 12 switches on the opener to set the 'code' for the
: opener. I am just wondering whether if those switches change the carrier
: frequency or if they actually encode the carrier with info?
: Judging from the length of the antenna, I assume the garage door opener

: uses frequencies somewhere on the 70cm band.

: Can I use my HT to open the door? Any info is appreciated.

Jo> These are "Part 15" devices. I believe that most of them actually use
Jo> either the CB band (11M), or the 40-something MHz band (just like
Jo> cordless phones and baby monitors). Maybe someone has better knowledge
Jo> on this.

The first GDO's used the Remote Control channels in the 11 meter band, which is why overload from CB's used to open/close the door. Some of the first toy 100mw walkie-talkies were CB channel 10 and could do the job at close proximity if you whistled or screamed the proper tone combo. Now you could imagine what happened when a model plane or boat operator just happened to key in the right sequence of tones that opened or closed somebody's GD on the same channel or how many model planes did unexpected maneuvers when somebody on the same channel tried to open their garage door. Migration to UHF was forced by the CB boom in the 70's.

Jo> Anyway, yes, I believe that most garage door openers actually do
Jo> encode the 12 or so bits on the carrier. There are single chips
Jo> available that can do this these days (aren't Application Specific IC's
Jo> wonderful?).

A few years ago, someone on GENie, (the online service, not the GDO), took a counter and measured a few of the most popular GDO's frequencies. He came up with an operating range between 285 and 330 Mhz. Even with the PCM signal, it is possible for a 2M HT's 2nd harmonic to do it, but it would be just plain luck without the actual measurements of frequency and code. As far as I can tell, car alarm remotes also run on this band.

The measurement was done as a reality check. During Operation Desert Storm some people were complaining that their GD's were opening and/or closing everytime a military transport plane flew over. This prompted a bunch of jokes about doing morse code practice by slamming GD's open and closed and having QSO's by connecting the remote units to beverage antennas, (usually loaded by beer cans). It turns out that this band of frequencies are used for the location transponders of military aircraft, the GDO's and alarm remotes being secondary users.

... Creditors have Much better Memories than Debtors.

___ Blue Wave/QWK v2.12

Date: Fri, 27 Aug 1993 18:09:18 GMT

From: pa.dec.com!nntpd2.cxo.dec.com!goedux.enet.dec.com!jepson_st@decwrl.dec.com

Subject: Original Brown Bros.
To: info-hams@ucsd.edu

>
>As far as I'm concerned, there is only *one* great ambiatic paddle - that's
>the Brown Brothers design. Too bad they're out of business. I always won-
>dered why someone didn't buy up their casting equipment, etc.

>
>73
>Don Montgomery, K6LTS
>donrm@sr.hp.com

>
I agree, I own a Brown Bros. Mach. Co. model CTL and wouldn't consider anything else. it's heavy enough for stability, the pivot design makes for good tactil feed back even at very close contact spacing, it's fully adjustable but not critical, and it's full iambic.

>Benchers are really the low end of the totem pole.

The only Brown Bros. keys worth owning were the ORIGINAL DESIGN from the late 60's early 70's. Another company turned up in the later 70's early 80's making 'Brown Bros.' keys. These weren't the same design. (paddle pivot point at the far end of the shaft instead of the center. Contacts too close to the paddles.) I suspect that most of the people who dislike the Brown Bros. paddles had experience with the newer (poorer) design.

Steve...AI7W

Date: Sat, 28 Aug 1993 01:01:33 GMT
From: netcomsv!netcom.com!mvp@decwrl.dec.com
Subject: Passed test, what do I do now?
To: info-hams@ucsd.edu

A few weeks ago, I passed the test for Technician No-Code, and the examiners sent my application off to FCC Land, where it's currently in a holding pattern.

So, while waiting for my license, I'm looking at radios and such.

Where's a good place to start to find out about what's going on? 2-meter, naturally, for voice and packet. What about 70cm? 23cm?

Currently I'm thinking along the lines of a dual band 2m/70cm handheld that receives outside the ham bands, and a TNC for packet.

What about baud rates? 1200 baud sounds horribly slow to me since I have v.32bis on my computer, but the few people I've talked to say 1200 baud is The Standard for packet. What's the modulation for digital? It wouldn't happen to be the same as for phone modems, would it? Could I use my regular modem for a TNC?

What are good handhelds for limited bucks, and which ones should I stay away from? (I've seen a number of flames at Kenwood.)

Is there a list of acronyms somewhere? (It took me a while to figure out what an "HT" was.)

(Maybe I'll have my license by Christmas...)

--

Mike Van Pelt	What happens if a big asteroid hits Earth?
mvp@netcom.com	Judging from realistic simulations involving a
	sledge hammer and a common laboratory frog, we
	can assume it will be pretty bad. -- Dave Barry

Date: 27 Aug 93 11:17:31
From: iggy.GW.Vitalink.COM!widener!dsinc!spool.mu.edu!sol.ctr.columbia.edu!
news.kei.com!yeshua.opl.com!zip.eecs.umich.edu!destroyer!vela.acs.oakland.edu!
rcsuna.gmr.com!rcsuna.gmr@pacbell.com
Subject: Radio Shack attitudes
To: info-hams@ucsd.edu

In article <25l1na\$c74@jericho.mc.com> levine@mc.com (Bob Levine,x247) writes:

There have been a lot of postings about how rotten the service is at Radio Shack lately, although I always thought it was a convenient place to pick up odds and ends. Radio Shack's attitude towards Amateurs was never really an issue because I have never considered purchasing any "real" radio gear there.
<deleted account of RS employee really blowing an opportunity>

I do not speak for Radio Shack as a whole, nor do I speak for RS #01-6358 in Center Line, MI though I work there part-time.

This kind of stuff comes up every now and then. Someone gets poor service at a Radio Shack store and extrapolates that to the whole company. While I'm not excusing the poor treatment Bob received, I'd like to point out that it is not the company policy to treat people that way.

The problem stems from a really basic principal of retail sales.

That is: Folks want to spend as little as possible for the things they buy and are willing to shop elsewhere if the price is just a couple percent lower. In order to exist as a profit making company, RS (as well as a LOT of other retailers) has to pay low wages. The low wage jobs attract certain kinds of workers. While the company tries hard to weed out and/or retrain the poorer workers, they are not 100% successful.

Rather than lose you as a customer Bob, I'm sure the store manager would like to speak with you. If not the store manager, then the district manager. As I said, it's not company policy to treat people poorly. Though I ought to add... It's against company policy to promote your radio club. If you can show the store manager how it will result in significant sales then I'm pretty sure the store manager wouldn't mind bending the rules a little. But the onus is on you to show him why it would be in his best interest.

Regarding the companies "attitude toward Amateurs", I really doubt that there is any attitude one way or the other. Remember: Radio Shack is in the electronics merchandising business. The only reason that there is any amateur radio equipment in the stores is because the powers on high believe they can turn a profit by selling them. It's basic free market merchandising. Ie: Find a product that the people want and sell it for a price that provides for a profit margin.

Wake up Radio Shack.

Radio Shack already has a pretty good idea of what it takes to be a successful merchant. Some of the sales persons have yet to embrace that idea.

Hey! Howzabout this idea? Why not infiltrate their ranks and influence them from inside? (Only slightly tongue-in-cheek)

--

Val Breault - N80EF - vbreault@gmr.com \ /|
Instrumentation dept GM NAO R&D Center \ / |
My opinions are not necessarily those of \ /__|
GMR nor of the General Motors Corporation \ / |___

Date: Sat, 28 Aug 1993 01:28:41 GMT
From: usc!sol.ctr.columbia.edu!deep.rsoft.bc.ca!mindlink.bc.ca!
a3853@network.ucsd.edu
Subject: WANTED: Morse Code Tape Recommendations
To: info-hams@ucsd.edu

Smith) writes:

>Actually, I think most of the garage door openers use something in the 200MHz
>band, very low power.

All the remote units I've ever seen have a sticker on them stating
the operating frequency. My mom and dad's runs somewhere around 300 MHz.

73 from Burnaby,
laura VE7LDH

Date: 27 Aug 1993 15:38:07 GMT

From: haven.umd.edu!darwin.sura.net!mojo.eng.umd.edu!chuck@uunet.uu.net

To: info-hams@ucsd.edu

References <25h2bs\$mns@k2.San-Jose.ate.slb.com>, <25hd42\$9ri@samba.oit.unc.edu>,
<1993Aug26.131923.4690@guvax.acc.georgetown.edu>.e

Subject : Re: RF in the kitchen--Was Garage door

In article <1993Aug26.131923.4690@guvax.acc.georgetown.edu>

roakley@guvax.acc.georgetown.edu writes:

>How about this one:

> When I walk across my kitchen carrying a radio controlled boat (49
>MHz, allegedly), the motors start to run. They also start up when I
>dial my cordless phone. The phone phenomenon I understand but where's
>the source of RF in the kitchen? No, the microwave is not going. Nor
>is anything else that I can tell.

> Anybody got any clues??

Sure there is RF in your kitchen. The microwave's controller is spewing
out junk all the time, so is your phone answering machine, fancy coffee
maker, bread machine, baby monitor... Many cordless phones send digital
codes from the base unit to the handheld while in the cradle (for security
codes).

There is no end to RF sources that will screw up cheap radio control cars
and boats.

The problem with the boat could be cured if the manufacturers would just
use national semi's cheap little RC control chip set. But instead, they
use a dumb two tone FM control system (using discrete components). If the
signal is modulated with a tone that is above a threshold frequency, the
car goes right, below it goes left...

73,

Chuck Harris - WA3UQV

Date: Sun, 15 Aug 1993 20:11:25 GMT
From: noc.near.net!howland.reston.ans.net!newsserver.jvnc.net!yale.edu!
cs.yale.edu!wsub.ctstateu.edu!ritterbus001@uunet.uu.net
To: info-hams@ucsd.edu

References <23s7lg\$el@neuromancer.key.amdahl.com>,
<CBCqsp.51E@srigenprp.sr.hp.com>, <0J5ot*-Tx@lhaven.UUmh.Ab.Ca>u
Subject : Re: Converting to three hole plugs from two-hole plugs

In article <0J5ot*-Tx@lhaven.UUmh.Ab.Ca>, dreamer@lhaven.UUmh.Ab.Ca (Lawrence "The Dreamer" Chen) writes:

> In article <1993Aug9.142049.21718@walter.cray.com>, Walter Spector writes:

>

>> >

>> >: My new(?) house is 38 years old and has (mostly) two prong (no ground)

>> >: AC-outlets.

>> >

>>

The house where I rent has mostly two-prong, but the wiring is all covered in the flexible, metallic conduit (I think the common trade name is BX.) An electrician friend that used to live in the area told me that since the BX was connected to ground at the service panel, and was electro-mechanically connected to each outlet box, that the outlet boxes provided a suitable ground. Don't accept my word on it, I'm sure your insurance company won't :-)

This brings up another point that perhaps somebody else will have clarification on. My water is from a well, with the pump and tank situated in the basement. However, the feed line to the well is some sort of plastic, that looks like PVC. Since I have never seen PVC that conducts, my assumption is that _my cold water pipes are _not_ grounded_. If anybody knows anything to the contrary, could you 'splain thees to mee pleeze. Otherwise, well water users beware!

Jim Ritterbusch
ritterbus001@wsub.ctstateu.edu - or - ne22@radiomail.net (wireless)
One if by LAN, two if by C, three if by C++

End of Info-Hams Digest V93 #1022
